

ABSTRACT

Heavy Metal Particulate (HMP) Emission Speciation Modification Process

(Continuation in Part)

The invention pertains to a method for reducing the leaching of heavy metals from air, water and wastewater particulate emissions. The method includes contacting the heavy metal particulate with a complexing agent which converts the molecular form of the particulate to a less soluble and less bioavailable form prior to collection and release to the environment.. This method eliminates the need to remove or treat soils and environments exposed to particulate deposition and greatly reduces the environmental and health risks associated with the deposition of heavy metal particulate in the open environment as well as at controlled discharge areas.